

DEPTH IN FEET	LABORATORY TEST DATA					WELL SUMMARY/ BACKFILL	PENETRATION RESISTANCE (BLOWS/6 INCHES) — SAMPLE —	USCS	PROFILE	DESCRIPTION
	PID READING (ppm)	PERMEABILITY (cm/s)	BENZENE (ppm)	TOLUENE (ppm)	XYLENE (ppm)					
0										Black 3" Asphalt.
5										Loose, yellowish brown (10YR 5/6) SAND, damp, poorly graded, fine grained sand grains, Orcutt Formation.
10	0.0									
15									sp	
20	1.2									Loose, yellowish brown (10YR 5/6) SAND, damp, poorly graded, fine grained sand grains, well sorted.
25										
30	1.5									Loose, brownish yellow (10YR 6/6) SAND, damp, poorly graded, fine grained sand grains, well sorted.
35									sp	
40	1.0									Loose, yellowish brown (10YR 5/6) SAND, damp, poorly graded, fine grained sand grains, well sorted.
45										
50	0.5								sp	
55										
60	0.0									Loose, brownish yellow (10YR 6/6) SAND, damp, poorly graded, fine grained sand grains.
65									sp	
70										

BORING NO. 9MW-9

COORDINATES N 2086215.4
E 5774300.5

FIELD ENGINEER B. Sibbett DATE BEGAN 1-21-98
EDITED BY G. Doleen DATE FINISHED 1-23-98
CHECKED BY B. Sibbett GROUND SURFACE EL. 218.6'

Top of Casing 218.

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FOR EXPLANATION OF SYMBOLS AND TERMS



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DEPTH IN FEET	LABORATORY TEST DATA						PENETRATION RESISTANCE (BLOWS/8 INCHES) —SAMPLE—	USCS	PROFILE	DESCRIPTION
	PID READING (ppm)	PERMEABILITY (cm/s)	BENZENE (ppm)	TOLUENE (ppm)	XYLENE (ppm)	TOTAL PETROLEUM HYDROCARBONS (ppm)				
70	1.0									Top of Casing 218.29'
75										Loose, yellowish brown (10YR 5/8) SAND, damp, poorly graded, fine grained sand grains.
80	2.0									
85										
90	2.0							sp		Loose, yellowish brown (10YR 5/8) SAND, damp, fine grained, well sorted.
95										
100	0.5									Loose, yellowish brown (10YR 5/8) SAND, damp, poorly graded, fine grained sand, increasing dampness compared to overlying sand.
105										
110	0.5									Loose, yellowish brown (10YR 5/6) SAND, moist, fine grained, very well sorted. Continuous core 110 feet to total depth. 110.0'
115	5.5							sp		Very loose, brownish yellow (10YR 6/6) SAND, damp, poorly graded medium grained sand. 118.0'
120	7.0							sp		Very loose, dark yellowish brown (10YR 4/4) SAND, medium grained, very well sorted with color layers of dark and light 4/4 to 5/4. 121.0'
125	1.0							gw		Dark yellowish brown (10YR 4/4) sandy GRAVEL, wet, well graded, granules to pebbles of quartzite, medium to coarse sand, angular andesite diatomite clasts occur below 125' below ground surface. 131.0'
130	3.5									
135	4.0							sp		Dark yellowish brown (10YR 4/6) gravelly SAND, damp, poorly graded, medium grained sand with 1 cm thick gravel beds.
140	138									Loose, brownish yellow (10YR 6/6) gravelly SAND, damp, poorly graded medium grained sand with few 1-3" thick pebbly beds.

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		PERMEABILITY (cm/s)	BENZENE (ppm)	TOLUENE (ppm)	XYLENE (ppm)	TOTAL PETROLEUM HYDROCARBONS (ppm)					
140									gw		Loose Diatomite clasts, coarse gravel between 140-141', angular. 14.
145									sp		Loose, brownish yellow (10YR 6/6) SAND, damp, poorly graded, fine to medium grained sand, trace gravel, trace 1/4" clay lenses.
150									sc		Moderately stiff, brown (10YR 5/3) clayey SAND.
155									sp		Loose, brownish yellow (10YR 6/6) SAND, damp, poorly graded, medium grained, well sorted.
160											Depth to water 149.65 feet from top of casing on 2/7/98.
165											Light olive brown (2.5Y 5/3) light yellowish brown (2.5Y 6/3) Diatomite, BEDROCK, slight weathering - fractured thin beds
170											TOTAL DEPTH = 154.5 FEET
175											
180											
185											
190											
195											
200											
205											
210											

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